

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph beginning at page 3, line 21, with the following amended paragraph:

Optionally, the molar ratio between the difunctional isocyanate and the difunctional alcohol is from about ~~[[1:]]~~ 1.5 to about ~~[[1:]]~~ 5.0.

Please replace the paragraph beginning at page 5, line 33, with the following amended paragraph:

Generally, the diisocyanate and polyol are reacted at a specific formulation ratio $A=[NCO]/[OH]$ molar ratio (about ~~[[1:]]~~ 1.5 to ~~[[1:]]~~ 5.0) to synthesize a prepolymer. Then, chain extender was added. After several hours, a neutralizer was also added to form anionic shape memory polyurethane. In the reaction, though the reaction of NCO with carboxylic group (COOH) does occur, the reaction rate is slower than the reaction of NCO with OH. Thus, under this reaction condition, some cross-linkage may be formed by amide bonds resulting from the reaction of NCO with COOH. Practically, some cross-linkage occurs in the stage of forming the polyurethane polymer.